

# **On-Road and Off-Road Heavy-Duty Diesel Engine E-Cert Data Requirement Workshop**

November 6, 2008



## **Workshop Agenda**

1. Overview
2. Data Requirements
3. Timeline
4. Q&A Session

## **Overview:**

### **ARB's Electronic Certification Goals**

- Standardize electronic certification system for all ARB certification categories
- Reduce paperwork
- Improve certification process
- Reduce application processing time

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### **ARB's Electronic Certification Objectives**

An electronic certification system should:

1. Enable staff to more easily access and review applications
2. Enable manufacturers to confirm when certification applications are submitted
3. Enable manufacturers to track application progress

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## **E-Cert vs. DMS**

- Two parts to a certification application:
  1. Document Management System (DMS) = documents and files.
  2. Electronic Certification (E-Cert) = database for application data.
- DMS + E-Cert = complete application

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## **DMS – 2011MY+**

- Filing and storage system for documents.
- Examples of DMS documents:
  - Durability test plans and supporting data
  - Modified and/or special emissions test procedures
  - Warranty statements
  - Labels
  - AECD descriptions and justifications
  - Etc., etc., etc.

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## **E-Cert – 2011MY+**

- E-Cert = Database
- Replaces old data summary sheets (current EPA's CEFEIS printouts).
- Examples of data and information:
  - Basic Engine Family and ECS design
  - Vehicle model description
  - Durability and certification emission data
  - Running changes

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## **How Will Certification Work for all 2011 Model Year Engines?**

- Manufacturer submits documents and files to DMS.
- Manufacturer submits application data to the E-cert database.
- Staff reviews both DMS documents and E-Cert database.
- Both sets of information are needed for EO issuance.
- If DMS and E-Cert reviews = OK, then staff will issue EO from E-Cert.

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## **How to Register with DMS & E-Cert?**

- Existing DMS users already have E-Cert accounts
  - new password will be sent.
- New users must register to use DMS/E-Cert system.
- Manufacturers may have multiple user accounts.

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## **Data Requirements**

- Data acquisition by 12 CSIs (Certification Summary Information)
- CSIs cover EPA's FileMaker Pro plus ARB requirements

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## **Transition Period for 2011 MY**

- Original application in File Maker Pro format submitted before August 2010
  - Application can be submitted into DMS
  - Subsequent submittals of the same engine family continue to use File Maker Pro

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## **Transition Period for 2011 MY**

- All certification applications after August 2010
  - Applications must be submitted to E-Cert
  - Carryover engine families must be submitted to E-Cert
  - Initial and all supplemental submittals must be complete dataset
    - Corrections, running changes, field fixes, carryovers, etc.

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## **Timeline:**

- Data requirement Workshop Nov-06-2008
- Initial HDD-Schema available May 2009
- HDD E-Cert submittal workshop January 2010
- XML Submission Testing Begins January 2010
- HDD E-Cert mfr to system test June 2010
- HDD E-Cert rollout August 2010

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## **Question & Answers**

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